

The Clovis West Arts, Transportation Sector is composed of the Systems Diagnostics, Service and Repair Pathway.

The Clovis West Systems Diagnostics, Service and Repair Pathway is a high school curriculum that provides a four-year pathway for students pursuing careers in automotive systems diagnostics, service and repair field. Areas targeted are elective courses.

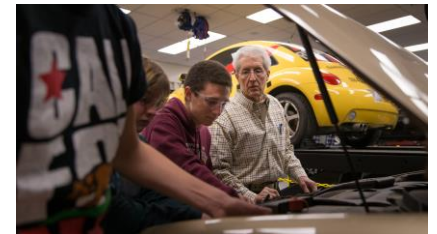
Clovis West High School

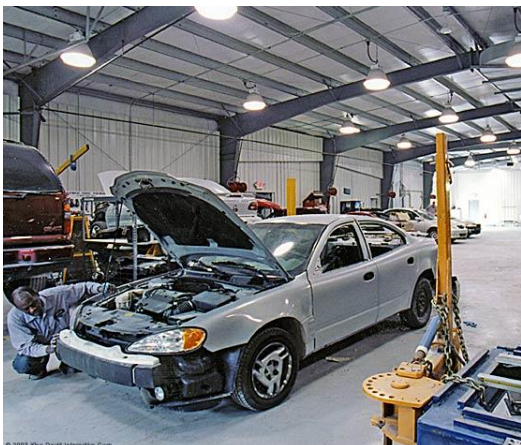
1070 E. Teague Avenue
Fresno, CA 93720
(559) 327-2000

Clovis West High School

Clovis Unified School District

Systems Diagnostics, Service and Repair Pathway 2020 - 2021





Pathway Courses

Introductory:

Basic Automotive: This course provides students with the information and activities which will stimulate understanding of the automobile and the automotive industry.

Concentrator:

Automotive 2: Studies include the principles of engines, chassis, electrical systems, brake and suspension systems.

Automotive 3: This course is a year-long course covering two related areas of the automobile, electrical systems and engine performance.

Capstone:

ROP Engine Technology: Students gain practical, hands-on experience in diagnosing, trouble-shooting, and servicing procedures with particular emphasis on engine service and repair. The course also covers the shop practice of maintenance and repair in the following areas: drive trains, axles, suspension, steering, brakes, and air conditioning. Students develop their skills through classroom instruction and a series of assigned projects.

Prerequisite: Basic Auto or Auto 2 recommended.

Business Partners/ Advisory Members

Mike Betts, The Betts Company

Skills USA

Marvin Linville, NATEF

George Arrants, Automotive
Service Consultant

Various local automotive repair
shop managers



ROP Diesel Engine Technology:

Students gain practical, hands-on experience in diesel mechanics. The course emphasizes the skills necessary in the field of diesel equipment mechanics where students learn how to perform major overhaul and tune-up of diesel engines. Prerequisite: Site requirements, or instructor permission

Faculty

Michael Miller, Automotive
teacher

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Karen Boone, Learning
Director

karenboone@cusd.com

Anthony Bringetto,
Counselor

anthonybringetto@cusd.com

All can be reached at:

(559) 327-2000



Interested in
applying for this
pathway?

See your counselor or
contact any of the
above individuals.